

Page Denied

Next 1 Page(s) In Document Denied

Central Intelligence Agency



Washington, D.C. 20505

4 AUG 1982

Copy No. 5

25X1

MEMORANDUM FOR: Deputy Assistant Secretary for Export
Administration, Department of Commerce

SUBJECT: Microelectronics Case Studies Involving
Technology Transfer to the USSR

REFERENCE: Memorandum to the DDCI from Bohdan Denysyk,
Deputy Assistant Secretary for Export
Administration, Department of Commerce,
dated 10 May 1982

1. We are pleased to submit to you the attached report, "Case Studies of Microelectronics Technology Transfer to the USSR", prepared by the Scientific and Technical Intelligence Committee's Solid State Electronic Working Group. The report focuses upon and details the chain of events which lead to Soviet acquisition of the capability to copy and mass produce U.S. Texas Instruments SN 5400/7400 series integrated circuits. The report details Soviet efforts starting from data collection, through their illegal acquisitions of Western production technology, and finishing with the known deployment of these copied ICs in Soviet military systems. [redacted]

25X1

2. The STIC believes that this is the best documented single case of technology transfer currently available which provides the depth and detail requested in your memorandum. The report also briefly discusses other cases which are believed to be significant examples of technology transfer, but lack of equally detailed information prevents a similarly detailed presentation of these cases. [redacted]

25X1

25X1

When Detached From Enclosure

Treat As SECRET [redacted]

25X1

25X1

TOP SECRET [redacted]

25X1

25X1

25X1

25X1

3. Because the report contains information derived from all source material, including [redacted] documents, it is currently releasable to you as an EYES ONLY document. We are currently working on a version of the report which will be releasable to COCOM, but it is likely this version will not have the specificity of the original document. [redacted]

25X1

25X1

4. We feel this report provides a compelling and convincing example of the military impact of the transfer of Western technology to the USSR and we believe it to be the first of its kind ever produced. We hope you will find it useful. If you have any further questions, please do not hesitate to contact us. [redacted]

25X1

/S/ John N. McMahon

John N. McMahon
Deputy Director of Central Intelligence

Attachment:
[redacted]

25X1

25X1

TOP SECRET [redacted]

25X1

SUBJECT: Microelectronics Case Studies Involving Technology
Transfer to the USSR

Distribution:

Orig. - Addressee

Cy 2 - DCI

3 - DDCI

4 - Executive Director

5 - ER

6 - DDI

7 - ADDI

8 - DDI Registry

9 - STIC Chrono

10 - STIC Subject

11 - OSWR Chrono

OSWR/STIC (30 July 82)

25X1